

DEPARTMENT OF
DEFENSE, VETERANS AND EMERGENCY MANAGEMENT
Military Bureau
Joint Force Headquarters, Maine National Guard
Camp Keyes, Augusta, Maine 04333-0033

16 June 2015

TECHNICIAN POSITION VACANCY ANNOUNCEMENT #15-072

POSITION: Aircraft Survival Flight Equipment Repairer (D1867000) (WG-4818-08/10) EXCEPTED POSITION

LOCATION: 101st Operations Support Flight, Bangor, Maine

SALARY RANGE:

\$41,302 to \$48,168 per annum **WG-08**

\$45,309 to \$52,905 per annum **WG-10**

CLOSING DATE: 30 June 2015

AREA OF CONSIDERATION:

AREA I: All permanent and indefinite Enlisted Technicians (**E5 and below**) in the Maine Air National Guard and personnel with reemployment rights to MeANG positions.

AREA II: All members (**E5 and below**) in the Maine Air National Guard.

PERMANENT CHANGE OF STATION: PCS expenses may not be authorized for this position. Authorization for payment of PCS expenses will be granted only after a determination is made that payment is in the best interest of the Maine National Guard.

DUTIES: See attached duties and responsibilities.

MINIMUM QUALIFICATION REQUIREMENTS: Each applicant must show how they meet the General and Specialized Experience listed below; otherwise, the applicant may lose consideration for this job.

GENERAL EXPERIENCE: Experience, education, or training which demonstrates the applicant's knowledge of materials and equipment used in the line of work such as helmets, torso harness assemblies, parachutes, survival equipment, oxygen masks, night vision goggles, etc., ability to understand written instructions and use reference materials and manuals.

SPECIALIZED EXPERIENCE: Must have twelve (12) months experience for WG-08 and eighteen (18) months experience for WG-10 which required the applicant to acquire and apply each of the following knowledge, skills, and/or abilities:

WG-08

1. Skilled in servicing, repairing, managing, and maintaining aviation life support equipment.
2. Skilled in the use of a variety of life support test equipment and with the use of hand tools..
3. Ability to interpret technical publications to include posting to Tech Order changes.
4. Knowledge of processes to prepare life support equipment for shipment.
5. Skilled with aircrew chemical protection systems concept of operations and training documentation.

WG-10

1. Skill in servicing, repairing, managing and maintaining aviation life support equipment.
2. Skill in the use of a variety of life support test equipment and with the use of hand tools.
3. Ability to interpret technical publications to include posting to Tech Order changes.
4. Ability to present training materials to various groups.
5. Knowledgeable of processes to prepare life support equipment for shipment.
6. Skill with aircrew chemical protection systems concept of operations and training documentation.
7. Knowledge of techniques, procedures, tools, and methods of instruction used in land and water survival school continuation training.

COMPATIBILITY CRITERIA: AFSC: 1P0X1, 1T1X1, 2A7X4 **NOTE:** If you do not possess the compatible AFSC, you will not be disqualified from being considered. Selected applicant must be prepared to attend the appropriate school.

MILITARY ASSIGNMENT: 1P0X1

SUBSTITUTION OF EDUCATION FOR SPECIALIZED EXPERIENCE: Study successfully completed in a college, university, technical or vocational school may be substituted for experience at the rate of one year of study (30 semester hours or 20 classroom hours of instruction per week) for 6 months of experience. Courses must be directly related to the work of an Aircraft Survival Flight Equipment Repairer.

Applicant must provide a copy of transcript to receive substitution of education.

INCENTIVE PROGRAM: Non-Technician Maine National Guard personnel who are participants (bonus recipients/student loan repayment program) may have their benefits terminated and/or recouped when employed as a permanent military Technician.

HOW TO APPLY: Detailed instructions are contained in an Instruction Guide titled “Technician Vacancy Announcement Guide” which should be posted with this vacancy announcement. Applicants may apply using the OF Form 612 Optional Application for Federal Employment, a resume, or any other format they choose. In addition to their basic application, applicants are strongly encouraged to complete ME Form 171,

Military Experience and Training Supplement. Applications forwarded to HRO should be no more than eight (8) pages although additional pages may be submitted as necessary. Applications should include written or documented proof of education, training, and work experience deemed necessary to adequately respond to general and specialized experience factors listed in the TPVA. Professional licenses or education transcripts necessary to validate qualifications should be submitted as required in the TPVA. Do not include photo copies of awards (a military ribbon rack or civilian certificate), letters of commendation, enlisted or officer performance reports, Technician performance appraisals, and personal photos unless specifically requested in the TPVA". Applications must be forwarded to: Joint Force Headquarters, ATTN: HRO, Camp Keyes, Augusta, Maine 04333-0033, NOT LATER THAN the closing date. Applications received AFTER the closing date WILL NOT BE CONSIDERED. The use of government envelopes, postage or facsimile machines to submit applications is prohibited. We are allowed to receive facsimiles sent from non-government facsimile machines. The inter-office distribution system may be used. You may also e-mail it to: ng.me.mearng.list.hro-applications@mail.mil

APPOINTMENT: Selectee will be required to participate in Direct Deposit/Electronic Funds Transfer as a condition of employment. The Adjutant General retains exclusive appointment authority for Technicians. No commitment will be made to any nominee prior to a review of qualifications by this office. The Maine National Guard is an Equal Opportunity Employer. All appointments and promotions will be made without regard to race, color, creed, sex, age or national origin.

DISSEMINATION: Supervisors, please post to bulletin boards, read at unit formations and notify personnel who may be interested. Qualified personnel who may be absent during this announcement period due to ADT, AT, TDY, school, illness, etc., should be notified.

WORK: DSN 626-6013 / COM (207) 430-6013 FAX: DSN 626-4246 / COM (207) 626-4246

FOR THE HUMAN RESOURCES OFFICER:

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LISA M. SESSIONS
MAJ, EN
Human Resources Specialist
(Recruitment & Placement/Compensation)

a. INTRODUCTION: This position is located in the Aircrew Flight Equipment Function, Air Operations Division. The position provides diagnostic, analytical, calibration, investigative research, troubleshooting, in-depth inspections, quality control inspections, certification, testing, evaluation, and maintenance or overhaul of all Aircrew Flight Equipment and aircrew chemical defense equipment. Provides formal academic classroom and technical instruction to all pilots/aircrew on all initial and continuation instruction to ensure aircrew survival ability under peacetime or combat operations. Responds and participates as an Air Force aircraft mishap board representative in investigating flight support equipment failures/malfunctions associated with mishaps.

b. DUTIES AND RESPONSIBILITIES:

(1) Ensures all aircrew flight equipment meets strict airworthiness criteria and that it will sustain combat operations/readiness by inspecting, testing, calibrating, certifying, diagnostic evaluating, troubleshooting, repairing/replacing, assembling and disassembling all Aircrew Flight Equipment, aircrew chemical/biological defense equipment, and aircraft ejection/non-ejection systems. Clears Red X symbols on aircraft forms, aircraft/aircrew electronic communications equipment, and aircraft-oxygen related systems. Certifies Aircrew Flight Equipment requirements for all missions; and ensures aircraft are properly configured with proper types and numbers of Aircrew Flight Equipment dependent on destination and mission being flown. Certifies by signature forms and equipment records the proper configuration and serviceability of aircraft installed equipment. Conducts FOT&E (Follow on Test and Evaluation) of Aircrew Flight Equipment and aircrew chemical defense equipment to ensure flight safety and optimum performance standards. Makes suggestions and recommendations to change processes and procedures related to technical material governing equipment and practices. Forecasts, requisitions and stores life support equipment and supplies to include multiple munitions types. Conducts weapons (9MM & M-16) and ammunition inspections and issue/turn-in procedures during operational contingencies/exercises.

(a) Aircrew Flight Equipment includes the following items: Specialized Flying Helmets with sophisticated Helmet-Mounted devices such as Flying Helmet-Mounted Display Unit with a built in electronics Heads-up-Display System which requires diagnostic evaluations, calibrations and inspections on the entire system to ensure daily mission and combat readiness is sustained; Joint Helmet Mounted Cueing System, with an advanced forward-looking electronics and cathode package supporting the pilots look down/shoot down capability; multiple Laser Eye Protection Systems; Nuclear Flash Blindness Goggles; Night Vision Goggles/Panoramic Night Vision Goggles with additional fiber-optic inverters, photo cathodes, phosphor, micro-channel plates to amplify the electron image; Night Vision evasion scopes, Survival Kit/Vest, electronic signaling devices and life saving survival components to include Personnel Recovery Survival Radios with installed Global Positioning Systems and Programmable Classified/Non-Classified UHF/VHF Frequencies; SARSAT/SATCOM communication transceivers; Quick Draw electronic surveillance and interrogation equipment; Base Station-2 SARSAT/SATCOM CSAR chart plotter, Personnel Locator Beacons; Global Positioning Systems; Infrared Signaling Devices; Rescue Strobe Lights; Pyrotechnics and various other survival items; Combined Advanced Technology Enhanced Design "G" Ensemble (COMBAT EDGE) system which is a Positive Pressure for G (PBG) and oxygen system for acceleration (+4 to +9) protection at altitudes of 50,000 ft; Multiple Oxygen Mask Systems with Explosive Passive Anti Drowning Devices installed for incapacitated aircrew/passengers upon water entry; and multiple Life Sustaining Flotation Systems (Life Rafts/Life Preservers) which use self-inflating systems and explosive devices for incapacitated aircrew/passengers upon water entry. Responsible for inspecting, repairing and packing personnel, deceleration, and cargo drop parachutes, life rafts and life vests.

(b) Utilizes a variety of complex state of the art diagnostic testers/systems/specialty tools to include: Helmet Head-Up Display Unit Test Set; Combined Aircrew System Test Set; Electronic Radio Testers TS-4317 and TS-24/B; Quick draw and Suitcase Interrogators with UHF/Global Positioning Systems/Encryption technologies which interrogate Recovery Survival Radios; Night Vision Goggle Calibration 126 Tester which calibrates diopter settings/columniation/Goggle Gain and Drain; Infinity Focus Infrared 20/20 Tester; Optic Nitrogen Purge Kit Systems;

Pressure Breathing Oxygen Flight Ensemble Test Set (TTU-529); Global Positioning Position Systems with Computer Program Interface; Multi-Meters with multiple ohm resistors; Micrometers; Precision Calipers, and Electrical Circuitry Test Consoles to ensure systems are calibrated to Technical Orders (T.O.'s) and factory specifications.

(c) Performs precision soldering on flexible circuit boards ensuring serviceability of Joint Helmet Mounted Cueing System, Helmet Mounted Display Units, Night Vision Goggles, Panoramic Night Vision Goggles, Electro-Optical Systems, and Recovery Survival Radios. Works with numerous specialty tools such as: Sensitive inch ounce/pound Torque Wrenches, Torque/Spanner Wrenches, etc. Operates specialized laser systems. Attends operator/maintenance level laser courses.

(d) Conducts in-depth and quality control inspections to diagnose the nature and extent of equipment malfunction and to determine whether equipment may be economically repaired or declared unserviceable. Additionally, makes technical evaluations and inspections of all life support equipment to determine whether the cost of repairs exceeds the value of the equipment.

(e) Complies with safety, fire, security, and housekeeping regulations. Ensures material and equipment are properly stored, protected and maintained.

(f) Performs inspections and recharges compressed oxygen and CO2 cylinders in excess of 1800 pounds per square inch. Exposed to extremely high level of noise when performing maintenance on oxygen and CO2 cylinders.

(g) Performs required inspections and repair on all parachutes, survival equipment, flotation equipment, fabric leather, and rubber and aircrew personal flying equipment as prescribed in appropriate technical publications. Examines parachutes to detect rips or tears, stains, and /or other signs of damage or deterioration. Determines serviceability of parachutes, schedules appropriate maintenance, and prepares inspection records. Assembles and maintains anti-exposure and Bio-hazard suits.

(h) Cleans, repairs, and packs complicated multiple personnel, cargo and deceleration parachutes. Inspects and determines asset serviceability according to comprehensive technical inspections. Drop-tests cargo parachutes from aircraft. Observes opening time, rate of decent, and stability. Recovers parachute and inspects apparatus and components for damage. Inspects, adjusts, repairs, and tests intricate automatic and manual release assemblies for proper operation. Assembles all types of parachutes upon receipt. Conducts zero-defect quality control program of parachute assemblies and annotates data in the trend analysis programs.

(i) Operates, repairs and maintains sewing machines, punch presses and other related equipment. Inspects, cleans and tests safety belts and restraint harnesses.

(j) Performs technical order compliance and modifications on parachutes. Assists in scheduling and performance of technical order compliance and modifications on all other survival equipment. Performs inspections including life rafts and emergency escape slides. Installs equipment on aircraft and removes for inspection and repair.

(2) Conducts formal academic classroom and technical instruction for all pilots, aircrew, passengers (aircraft maintenance personnel, dignitaries, civilian search and rescue agencies, etc.) on: Global Survival, Combat Search and Rescue Training; Water Survival Training; High Risk Isolation (HRI); Ejection/Non-ejection Seat Egress Training; Emergency Parachute Procedural Descent Training, utilizing a state of the art virtual reality trainer; Aircrew Chemical Defense Equipment, utilizing the Aircrew Eye Respiratory Protection System (AERPS), which is an aircraft-integrated, self-contained oxygen and filtration system with aircraft-integrated electronics, communications and oxygen capabilities; Aircrew Chemical/Biological Control Area Decontamination procedures; and Aircrew Chemical Defense task qualification training. This training is provided in preparation for initial and recurring sorties for all aircrew. Certifies initial and continuation training of aircrew and other personnel.

Incorporates Survival, Evasion, Resistance, and Escape (SERE) field instruction for pilots/aircrew members into all survival training. The incumbent plans, organizes, develops, directs, implements, evaluates, and conducts SERE Training activities. Utilizes curriculum, functional structure, and procedures for SERE and Code of Conduct Training (CoCT). Determines training schedules according to course control documents, directives, policies, and instructional principles. Ensures student safety. Conducts classroom, laboratory, and operational training. Uses lecture, demonstration, performance guided discussion, time and circumstance, and instructional methodology. Conducts training under realistic conditions and actual SERE episodes. Training environments and scenarios include, but are not limited to, global environmental conditions, combat situations and captivity. Utilizes SERE Joint Tactics, Techniques, and Procedures (JTTP). Supports operational tasking for theater and Joint Forces Commanders. Ensures standardization and compliance with policies, directives, course control documents, Operational Risk Management (ORM) procedures, operational guidance, and instructional methodology. During peacetime and combat missions, engages Intel and Combat Search and Rescue Forces. Also, performs field instruction in survival techniques to include peacetime and combat scenarios; food and water procurement, land navigation, shelter building, fire-craft, search and rescue, escape, evasion and resistance, physiological and psychological aspects of survival; signaling devices such as radios, beacons, strobe lights, mirrors, handheld flare and gyro jet flares, and time-on-target satellite signaling techniques. Administers practical and written evaluations. Develops charts, mock-ups and maintains training aids. May conduct passenger briefings. Certifies initial and continuation training of aircrew and other personnel.

(3) Utilizes, maintains, and updates multiple computer main frame programs/data bases to analyze, troubleshoot, schedule, and maintain inspection and accountability reports/documentation on all aircrew/aircraft life support and aircrew chemical-biological defense equipment.

(4) Utilizes Equipment and Financial Processing Systems. Reviews Allowance Source Codes and Fed log and initiates and sends supply documents. Coordinates with SBSS, Equipment Managers, Contracting offices, Resource Advisors, Financial Working Groups, Financial Management Board, and Depot Level Repairable (DLR) analyst. Establishes and reviews equipment documents (R-14, DO4, M30, etc). Maintains equipment management, control, accountability, supply accounts (chemical warfare, DLR, non-fly), supply tracking logs, and separate funding accounts. Prepares annual Financial Plans (FIN), manages funding for Budget Execution Review (BER) II and III. Establishes and maintains bench-stock accounts, listings, tracking logs. Inventories and puts away bench-stock items received, and prepares supply difficulty letters. Establishes, monitors, balances, and maintains IMPAC account and logbook, and procures IMPAC funding. Submits Product Quality Deficiency Reports and Material Deficiency Reports (PQDR's/MDR's), submits Operational Hazard Reports, forecasts time changes, establishes and maintains AF Form file for accountability. Prepares equipment for pick up and delivery, prepares appropriate documentation, coordinates with inspection or maintenance activities, unloads and loads vehicle, performs acceptance inspection, and annotates equipment records.

(5) Orders Technical Orders (T.O.'s), receives/updates T.O. changes, files and distributes T.O.'s, performs inventories and checks, orders compliance and modification items, performs Interim Time Compliance Technical Order (ITCTO), Operational and Safety Supplement changes to all affected equipment, performs T.O. Familiarization, and records and documents appropriate forms. Improves T.O.'s by evaluating areas in need of modification, completes and submits appropriate forms.

(6) Inventories and monitors Precision Maintenance Equipment Laboratory (PMEL) equipment, prepares equipment for pick up and delivery, prepares appropriate documentation, coordinates with inspection or maintenance activities, picks up and drops off equipment, unloads and loads vehicle, performs acceptance inspection, and annotates equipment record. Operates a forklift in accomplishing these and other assigned duties.

(7) Manages, monitors, and conducts inventories of all Aircrew Flight Equipment munitions/ammunition assets, forecasts time change requirements, removes and installs all munitions, and transports via Military/Commercial Aircraft and/or vehicles. Maintain munitions/ammunition at designated supply point locations, documents appropriate accounts, receives formal training required to ensure the unit's mission can sustain combat operations.

(8) Maintains certification and remains proficient in handling, shipping, storing, and ordering multiple hazardous materials. Certifies, handles, and ships all required hazardous materials for operational contingencies on any type of military aircraft, commercial aircraft, and/or vehicles, which directly support Aircrew Flight Equipment. These materials include Life Saving Appliances, Lithium Batteries, Explosive Devices, Corrosive Materials, Isopropyl Alcohol, etc. In addition, is responsible for the Life Support Hazardous Material (HAZMAT) Pharmacy program. Researches all required Material Safety Data Summary documentation and ensures all appropriate safety documentation and regulations are followed and strictly complied with.

(9) Manages a comprehensive Aircrew Flight Equipment mobility package required to sustain bare base operations under surge type conditions. Utilizes and monitors the Logistics Detail (LOGDET) Data-Base, ensuring all assets are properly loaded into the system for accuracy. Performs periodic in-depth inspections. In addition, the incumbent will be certified and remain current and knowledgeable on all Aircrew Flight Equipment hazards.

(10) May be required to perform additional duties such as structural fire fighting, aircraft fire/crash/rescue duty, security guard, snow removal, munitions loading and handling, heavy equipment operation, maintenance of facilities and equipment, or serve as a team member on boards to cope with natural disasters or civil emergencies. May serve as a voting member of the accident mishap investigation boards and prepare related reports.

(11) Performs other duties as assigned.